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(54) Title: RANDOM OLEFIN COPOLYMERS

(57) Abstract: Provided is a method for the production of an olefin co-polymer, which method comprises co-polymerising two or more olefin monomers in the presence of a metallocene catalyst, wherein the metallocene catalyst comprises a metallocene hav-  
ing the following formula:  $R''(CpR_m)(FluR'_n)MQ_2$  wherein Cp comprises a cyclopentadienyl ring; Flu comprises a fluorenyl ring;  
R'' comprises a structural bridge imparting stereorrigidity to the component; each R is the same or different and is an organic group;  
m is an integer of from 1-4; each R' is the same or different and is an organic group; n is an integer of from 0-8; M is a metal atom  
from group IVB of the Periodic Table or is vanadium; and each Q is a hydrocarbon having from 1-20 carbon atoms or is a halogen.

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